DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99

RCRA Corrective Action

Environmental Indicator (EI) RCRIS code (CA725) Current Human Exposures Under Control

Facility Address:

Remington Arms Company, Inc.

Facility Address:

2592 Hwy 15 North, Lonoke, AR 72086

Facility EPA ID #:

AR0000064311

1.	Has all available relevant/significant information on known and reasonably suspected releases to
	soil, groundwater, surface water/sediments, and air, subject to RCRA Corrective Action (e.g.,
	from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern
	(AOC)), been considered in this EI determination?

<u>_X</u> _	If yes - check here and continue with #2 below.
·	If no - re-evaluate existing data, or
if data are not av	ailable skip to #6 and enter "IN" (more information needed) status code

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Current Human Exposures Under Control" EI

A positive "Current Human Exposures Under Control" El determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

2.			-		air media known or reasonably suspected to be			
		standard	ls, guideli	ines, guid	sk-based "levels" (applicable promulgated standards, as lance, or criteria) from releases subject to RCRA			
		Yes	No	. ?	Rationale / Key Contaminants			
	Groundwater		_X_		See below			
	Air (indoors) ²	. —	X	. —				
	Surface Soil (e.g., <2 ft)	$\overline{\mathbf{x}}$	سيتمر		See below			
	Surface Water		$\frac{\overline{X}}{X}$					
	Sediment		<u>X</u>					
	Subsurf. Soil (e.g., >2 ft)	<u>X</u>		<u></u> e	See below			
	Air (outdoors)		<u>X</u>					
				, ,				
	If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.							
·	"contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation. (Surface and subsurface soil received a "Yes" answer to this question and are carried forward to Question #3.)							
	If unknown (for any media) - skip to #6 and enter "IN" status code.							
		Rationale and Reference(s):						
					ted as not being reasonably suspected of being			
	contaminated above appropriate risk-based levels. Organic constituent concentrations in surface soil at one location in one SWMU exceed the Soil Screening Level for contaminant transfer from soil to							
	groundwater; however, the corresponding five-foot sample does not. The pattern and age of release provides direct evidence that organic constituents in the soil at this location are not migrating vertically to groundwater. Metal concentrations above background but below industrial risk levels have been detected in a number of five-foot depth samples. The pattern and age of release provides direct evidence that metals							
	in soil are stable and not	migrati	ing (i.e., le	eaching)	vertically to groundwater. A Synthetic Precipitation			
	negligible potential for le	ead and	copper to	leach ur	nple which exceeded industrial risk levels indicated nder existing site conditions.			
	risk level exist in selected	I SWMU	Is and har	ve been d	2 feet below ground surface) exceeding the industrial lelineated. Only one location (coincident soil borings			
	industrial risk based star	idard. (Organic c	onstituen	n soil at 5 feet below ground surface which exceeded the its detected in surface soil were screened against soil letermined not to pose a concern. The following table			

summarizes soil data from the recent site investigation, and presents lead data which exceeds the 1,400 mg/kg industrial risk level specified in the EPA Region 6 document <u>Human Health Medium-Specific</u>

Screening Levels.

Sample ID and Depth	Date	Constituent	Concentration	Units
5-SB09 (surface)	26-Jun-01	LEAD	45,800	MG/KG
7A-SB01 (surface)	14-Jun-01	LEAD	52,400	MG/KG
7A-SB02 (surface)	14-Jun-01	LEAD	29,600	MG/KG
7A-SB03 (surface)	14-Jun-01	LEAD	17,400	MG/KG
7A-SB04 (surface)	14-Jun-01	LEAD	7,830	MG/KG
7A-SB05 (surface)	14-Jun-01	LEAD	21,200	MG/KG
7A-SB08 (surface)	15-Jun-01	LEAD	57,600	MG/KG
7A-SB09 (surface)	15-Jun-01	LEAD	14,900	MG/KG
7A-SB09 (5 feet)	15-Jun-01	LEAD	5,380	MG/KG
7B-SB02 (surface)	12-Jun-01	LEAD	18,300	MG/KG
7B-SB08 (surface)	12-Jun-01	LEAD	3,670	MG/KG
7C-SB5 (surface)	12-Jun-01	LEAD	1,510	MG/KG
10-SB01 (surface)	19-Jun-01	LEAD	2,050	MG/KG
10-SB05 (surface)	20-Jun-01	LEAD	17,200	MG/KG
10-SB05 (5 feet)	20-Jun-01	LEAD	20,600	MG/KG
10-SB05 (5 feet - duplicate)	20-Jun-01	LEAD	2,190	MG/KG
10-SB06 (surface)	20-Jun-01	LEAD	21,300	MG/KG
10-SB09 (surface)	20-Jun-01	LEAD	2,240	MG/KG
10-SB10 (surface)	20-Jun-01	LEAD	5,040	MG/KG

The attached Soil Analytical Summary table presents all of the detected constituent concentrations in soil from the recent Corrective Action Strategy site investigation. Background concentrations are provided along with industrial and residential screening levels. Concentrations which exceed EPA Region VI screening levels are highlighted. The seven attached figures plot surficial lead concentrations at all of the SWMUs where lead was analyzed.

Footnotes:

^{1 &}quot;Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

² Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

3. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential <u>Human Receptors</u> (Under Current Conditions)

A Committee of the Comm	_			 ' .				
"Contaminated" Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food ³	
Groundwater		==	===	== .	===		===	
Air (indoors)		===					==	
Soil (surface, e.g., <2 ft)	<u>No</u>	<u>YE</u>	<u>No</u>	<u>YE</u>	<u>No</u>	<u>No</u>	<u>No</u>	
Surface Water		===	· ==				===	
Sediment	===		, <u></u>	===	<u></u>		===	
Soil (subsurface e.g., >2 f	t) <u>No</u>	<u>No</u>	. <u>No</u>	YE	<u>No</u>	<u>No</u>	No	
Air (outdoors)	===		• ==	<u></u>	===	===	==	

Instructions for Summary Exposure Pathway Evaluation Table:

- 1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.
- 2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("____"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

- If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional <u>Pathway Evaluation Work Sheet</u> to analyze major pathways).
- X If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.
- If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code

Rationale and Reference(s): Soil – Soil contamination above risk levels is limited to surface samples and only one location at 5 feet below ground surface. Groundwater is approximately 75 feet below ground surface soil contamination. The attached SWMU Prioritization Worksheets rank six criteria for use in SWMU prioritization; fire or explosion hazards, release of constituents to air, lateral migration (direct contact), vertical releases to groundwater, releases to surface water, and impact to ecological surroundings. Rationale for each ranking of high, low, negligible, or unknown is provided for each criteria.

Footnotes:

³ Indirect Pathway/Receptor (e.g., vegetables, fruits, crops, meat and dairy products, fish, shellfish, etc.)

Can the exposures from any of the complete pathways identified in #3 be reasonably expected to be

greater in magnit "levels" (used to though low) and	i.e., potentially "unacceptable" because exposures can be reasonably expected to be: 1) and (intensity, frequency and/or duration) than assumed in the derivation of the acceptable identify the "contamination"); or 2) the combination of exposure magnitude (perhaps ever contaminant concentrations (which may be substantially above the acceptable "levels") reater than acceptable risks)?
X	If no (exposures can not be reasonably expected to be significant (i.e., potentially "unacceptable") for any complete exposure pathway) - skip to #6 and enter "YE" status code after explaining and/or referencing documentation justifying why the exposures (from each of the complete pathways) to "contamination" (identified in #3) are not expected to be "significant."
	If yes (exposures could be reasonably expected to be "significant" (i.e., potentially "unacceptable") for any complete exposure pathway) - continue after providing a description (of each potentially "unacceptable" exposure pathway) and explaining and/or referencing documentation justifying why the exposures (from each of the remaining complete pathways) to "contamination" (identified in #3) are not expected to be "significant."

Rationale and Reference(s): All five SWMUs have a low potential for exposure and exposures, if they do occur, are not expected to be "significant". In support of this it should be noted that these SWMUs are located within the plant security fence and are covered by contiguous vegetation (primarily bermuda grass). Potential exposure at four of the SWMUs (5, 7A, 7B and 10) is limited to periodic mowing during the growing season from April through October. Mowing is performed either by any operator using an air-conditioned tractor with a shredder or a riding mower. Mowing performed in the enclosed, air-conditioned cab shredder does not result in exposure. Remington will mow the four SWMUs with the air-conditioned cab until the contaminated soil is removed in early 2003.

If unknown (for any complete pathway) - skip to #6 and enter "IN" status code

There is no periodic exposure at the remaining SWMU (7C) because this area is vegetated and is not moved.

While the soil contamination above the industrial screening levels remains, Remington will prevent construction activities within the five SWMUs; therefore, the construction worker exposure pathway cannot reasonably be expected to be significant.

Remington is in the process of creating the Contractor request for bid documentation to distribute to environmental contractors specialized in stabilizing, digging, hauling and disposing soil contaminated with lead, copper and zinc. The bid selected by Remington will be reviewed with ADEQ for remedy approval. Removal of soil contaminated above industrial screening levels will remove the complete exposure pathways to plant workers and construction workers.

Footnotes:

⁴ If there is any question on whether the identified exposures are "significant" (i.e., potentially "unacceptable") consult a human health Risk Assessment specialist with appropriate education, training and experience.

5	Can the "signific	ant" exposures (identified in #4) be shown to be within acceptable limits?
		If yes (all "significant" exposures have been shown to be within acceptable limits) - continue and enter "YE" after summarizing <u>and</u> referencing documentation justifying why all "significant" exposures to "contamination" are within acceptable limits (e.g., a site-specific Human Health Risk Assessment).
		If no (there are current exposures that can be reasonably expected to be "unacceptable")-continue and enter "NO" status code after providing a description of each potentially "unacceptable" exposure.
	:	If unknown (for any potentially "unacceptable" exposure) - continue and enter "IN" statucode

Rationale and Reference(s):

5.	(CA725), and of	priate RCRIS status codes for the Current Human Exposures Under Control EI event code of tain Supervisor (or appropriate Manager) signature and date on the EI determination belo opriate supporting documentation as well as a map of the facility):
	X_	YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Remington Arms Company Inc. facility, EPA ID #ARD 983 282-211, located at 2592 Hwy 15 North, Lonoke, Arkansas 72086 under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility
		NO - "Current Human Exposures" are NOT "Under Control."
		IN - More information is needed to make a determination.
	Completed by	(signature) EMAILED (print) Ronnia Kaulis (title) Project Mga vas Dirmono (signature) Daniel Clata Date 9/26/02 (print) Daniel Tecanton.
	Supervisor	(signature) Davie Clata Date 9/26/02 (print) Davie t terrow. (title) Engineering Supervisor. (EPA Region or State) State of AR
	Locations where	e References may be found:
	2592 I	gton Arms Company Inc. Iwy 15 North e, AR 72086
	Contact telepho	one and e-mail numbers
	(name) Sammy Bates

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

(phone #) (501) 676-4185 (e-mail) Batessr@remington.com

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99

RCRA Corrective Action Environmental Indicator (EI) RCRIS code (CA750)

Migration of Contaminated Groundwater Under Control

Facility	/ Name:	Remington Arms Company, Inc.				
Facility Address: Facility EPA ID #:		2592 Hwy 15 north, Lonoke, AR 72086				
		AR0000064311				
1.	groundwater m	le relevant/significant information on known and reasonably suspected releases to the ledia, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units ulated Units (RU), and Areas of Concern (AOC)), been considered in this EI determination?				
	<u>X</u>	If yes - check here and continue with #2 below.				
	•	If no - re-evaluate existing data, or				
	<u></u>	if data are not available skip to #6 and enter 'IN" (more information needed) status code.				

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Migration of Contaminated Groundwater Under Control" EI

A positive "Migration of Contaminated Groundwater Under Control" El determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

2.	"levels" (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?					
		If yes - continue after identifying key contaminants, citing appropriate "levels," and referencing supporting documentation.				
	<u>X</u>	If no - skip to #8 and enter "YE" status code, after citing appropriate "levels," and referencing supporting documentation to demonstrate that groundwater is not "contaminated."				
		If unknown - skip to #8 and enter "IN" status code.				

Rationale and Reference(s):

Investigations conducted at the facility indicated groundwater is approximately 75 feet below ground surface. Investigations of various SWMUs indicated concentrations of metalic contaminants (primarily lead and copper) capable of leaching contaminants from waste materials but were not found to extend through the vadose to the underlying alluvial aquifer. It was indicated that there is a low potential for contaminant migration into groundwater, due to low permeability soil types and depth to groundwater. Facility production wells are routinely sampled under SDWA programs (post treatment) with no problems indicated (meets Primary Drinking Water Standards). Raw water samples (untreated) were also collected for analysis of priority pollutant metals as part of facility investigations. Priority pollutant metals were not detected in samples of raw water. Final Corrective actions have not been established at the time of this determination.

RCRA Corrective Action Strategy Report for Remington Arms Company Lonoke Arkansas Facility, January 15, 2002 as revised February 15, 2002 and June 28, 2002

Footnotes:

¹"Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate "levels" (appropriate for the protection of the groundwater resource and its beneficial uses).

· · ·	If yes - continue, after presenting or referencing the sampling/measurement/migration barrier data) and groundwater is expected to remain within the (how "existing area of groundwater contamination" ²).	d rationale why contaminated
	If no (contaminated groundwater is observed or e designated locations defining the "existing area o #8 and enter "NO" status code, after providing an	f groundwater contamination"2) - skip
	If unknown - skip to #8 and enter "IN" status cod	le.
Rationale and	l Reference(s):	
		· .
		and the second s
Does "contai	ninated" groundwater discharge into surface water b	oodies?
	If yes - continue after identifying potentially affe	ected surface water bodies.
	If no - skip to #7 (and enter a "YE" status code in	
	explanation and/or referencing documentation su "contamination" does not enter surface water bo	

² "existing area of contaminated groundwater" is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant groundwater contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of "contamination" that can and will be

sampled/tested in the future to physically verify that all "contaminated" groundwater remains within this area, and that the further migration of "contaminated" groundwater is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

5.	maximum concer	of "contaminated" groundwater into surface water likely to be "insignificant" (i.e., the ntration ³ of each contaminant discharging into surface water is less than 10 times their indwater "level," and there are no other conditions (e.g., the nature, and number, of
		aminants, or environmental setting), which significantly increase the potential for pacts to surface water, sediments, or eco-systems at these concentrations)?
•		If yes - skip to #7 (and enter "YE" status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration ³ of key contaminants discharged above their groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgement/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.
	· <u> </u>	If no - (the discharge of "contaminated" groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration ³ of <u>each</u> contaminant discharged above its groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations ³ greater than 100 times their appropriate groundwater "levels," the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.
		If unknown - enter "IN" status code in #8.
	Rationale and Re	eference(s):

³ As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

6.	Can the discharge of "contaminated" groundwater into surface water be shown to be "currently acceptable" (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue until a final remedy decision can be made and implemented ⁴)?				
		If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site's surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR 2) providing or referencing an interim-assessment, appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment "levels," as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.			
		If no - (the discharge of "contaminated" groundwater can not be shown to be "currently acceptable") - skip to #8 and enter "NO" status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.			
	-	If unknown - skip to 8 and enter "IN" status code.			
	Rationale and Re	eference(s):			

⁴ Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refugia) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

⁵ The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

7.	necessar	undwater monitoring / measurement data (and surface water/sediment y) be collected in the future to verify that contaminated groundwater had (or vertical, as necessary) dimensions of the "existing area of contam	as rema	ined within the
. *		If yes - continue after providing or citing documentation for sampling/measurement events. Specifically identify the well which will be tested in the future to verify the expectation (identify the contamination will not be migrating horizontally beyond the "existing area of groundwater contamination."	/measu lentified	rement locations l in #3) that
. •		If no - enter "NO" status code in #8.		
		If unknown - enter "IN" status code in #8.		
	Rational	e and Reference(s):		. •
8.	EI (even	te appropriate RCRIS status codes for the Migration of Contaminated of tode CA750), and obtain Supervisor (or appropriate Manager) signate that it is a second to the contamination as well as a second to the contamination and the contamination as well as a second to the contamination and the contamination are second to the contamination and the contamination as well as a second to the contamination and the contamination are second to the contamination are second to the contamination and the contamination are second to the contamination are second to the contamination and the contamination are second to the contamination and the contamination are second to the contamination are second to the contamination and the contamination are second to the contamination and the contamination are second to the con	ure and	date on the EI
		YE - Yes, "Migration of Contaminated Groundwater Under verified. Based on a review of the information contained in it has been determined that the "Migration of Contaminated "Under Control" at the Remington Arms Company, Inc. facil 0000064311 located at 2592 Hwy 15 North, Lonoke AR 7 this determination indicates that the migration of "contamin under control, and that monitoring will be conducted to contaminated groundwater remains within the "existing area groundwater" This determination will be re-evaluated when becomes aware of significant changes at the facility.	this EI of Ground ity , EP 2086. a ated" gr firm tha	determination, water" is A ID # AR Specifically, oundwater is t taminated
		NO - Unacceptable migration of contaminated groundwate	r is obs	erved or expected.
		IN - More information is needed to make a determination.		
Com	pleted by	(signature) Dan S. Antiles (print) David S. Hartley	_ Date	9-19-02
Supe	rvisor	(title) Geologist P.G. (signature) W A	– Date	9-19-02
		(print) James W. Rigg (title) Geologist Supervisor		
		(title) Geologist Supervisor		

Locations where References may be found:

RCRA Corrective Action Strategy Report for Remington Arms Company Lonoke Arkansas Facility, January 15, 2002 as revised February 15, 2002 and June 28, 2002

Arkansas Department of Environmental Quality : 8001 National Drive P.O. Box 8913 Little Rock, AR 72219-8913

Contact telephone and e-mail numbers

(name)	David Hartley
(phone #)	501-682-0843
(e-mail)	hartley@adeq.state.ar.us

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.